

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079437.D
 Acq On : 22 May 2015 17:08
 Operator : TP/IZ
 Sample : PB83558BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BL

Manual Integrations
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Quant Time: May 22 23:42:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	70710	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	290259	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	144043	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	285265	20.00	ng	-0.01
75) Chrysene-d12	15.92	240	274028	20.00	ng	-0.05
86) Perylene-d12	17.67	264	269719	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	390468m	95.06	ng	0.01
7) Phenol-d6	6.63	99	492262m	90.66	ng	0.00
23) Nitrobenzene-d5	7.75	82	478930	94.83	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	139356	89.43	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	959774	92.83	ng	0.00
78) Terphenyl-d14	14.63	244	1107862	96.79	ng	0.00

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

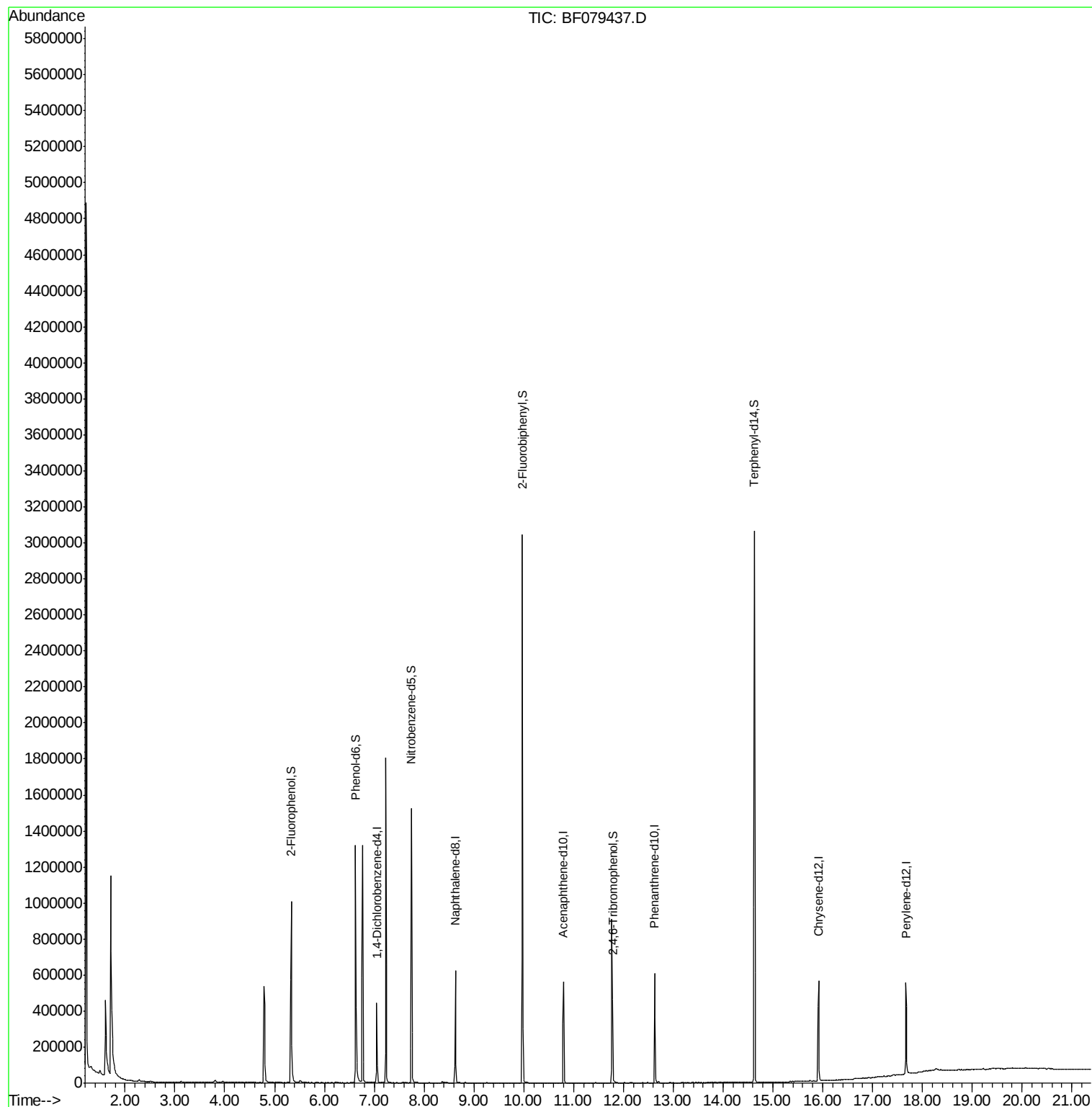
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
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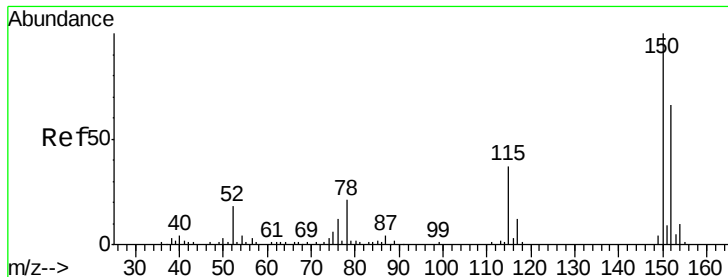
Instrument :
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ClientSampleId :
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QLast Update : Fri May 22 22:53:44 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF079437.D

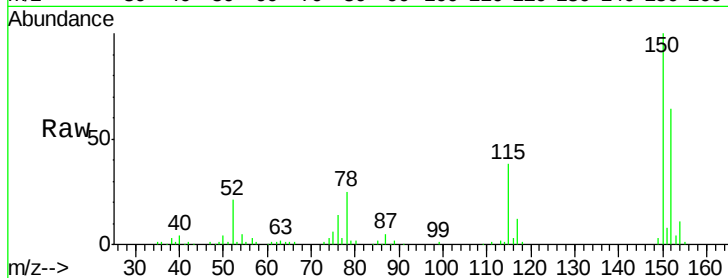
Acq: 22 May 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB83558BL



Tot Ion:152 Resp: 70710

Ion Ratio Lower Upper

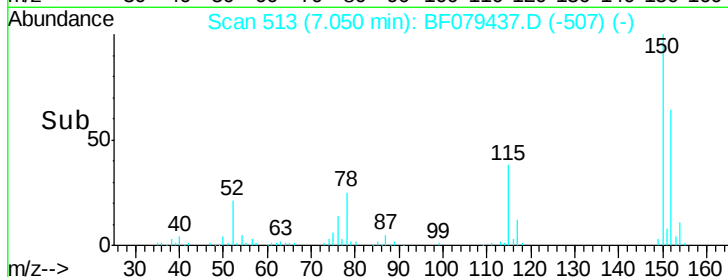
152 100

150 157.3 123.8 185.8

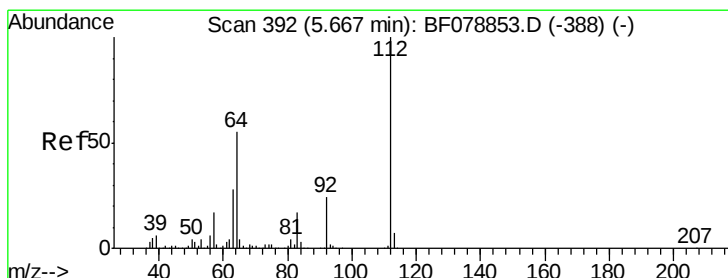
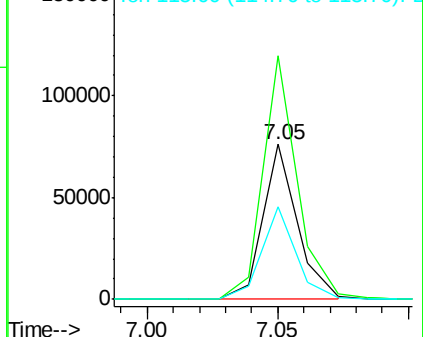
115 59.8 49.4 74.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 95.06 ng m

RT: 5.34 min Scan# 363

Delta R.T. 0.01 min

Lab File: BF079437.D

Acq: 22 May 2015 17:08

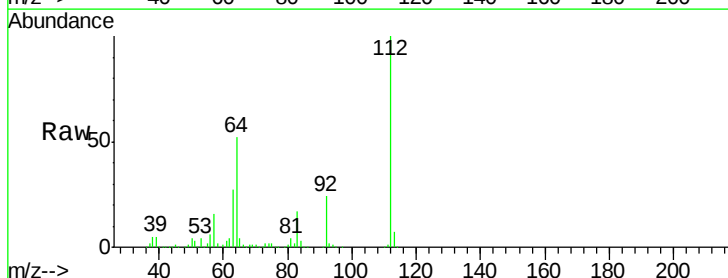
Tgt Ion:112 Resp: 390468

Ion Ratio Lower Upper

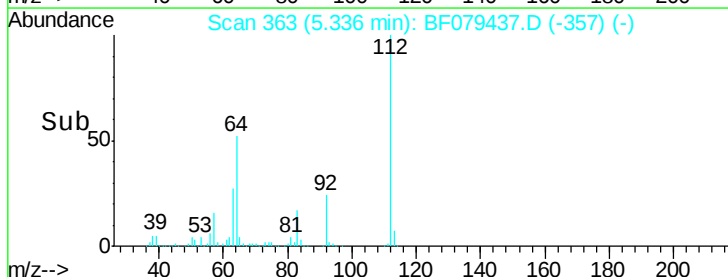
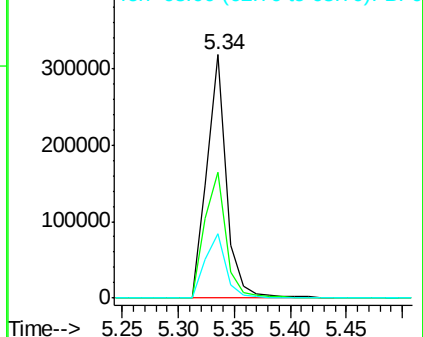
112 100

64 51.9 44.2 66.2

63 26.5 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 90.66 ng/mL

RT: 6.63 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF079437.D

Acq: 22 May 2015 17:08

Instrument :

BNA_F

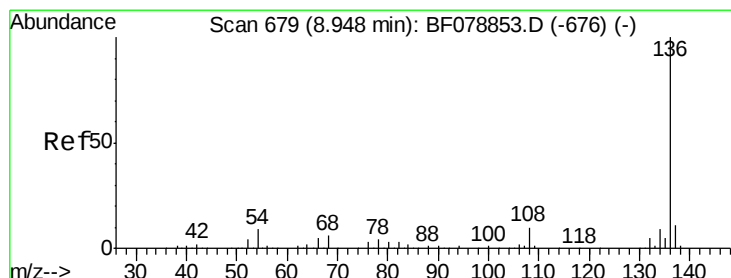
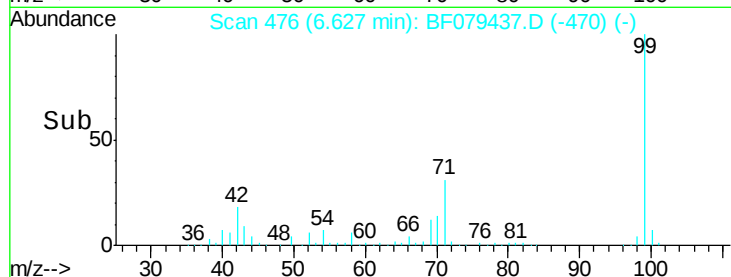
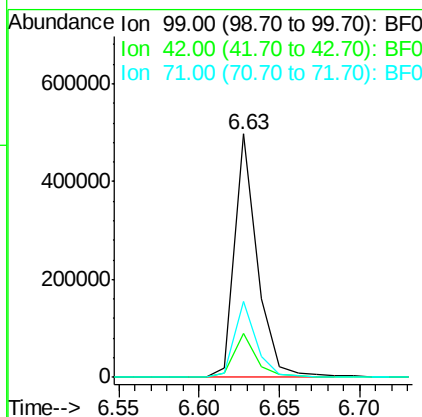
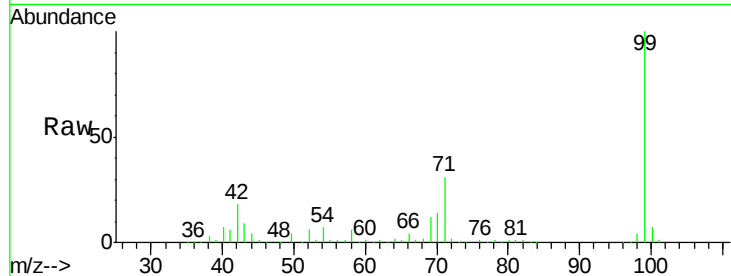
ClientSampleId :

PB83558BL

Tot Ion:	99	Resp:	492262
Ion Ratio	Lower	Upper	
99	100		
42	17.9	17.1	25.7
71	31.0	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.00 ng/mL

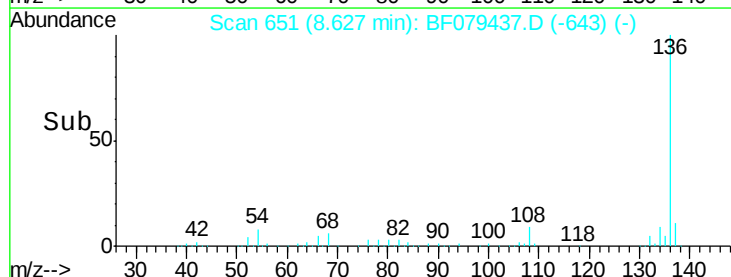
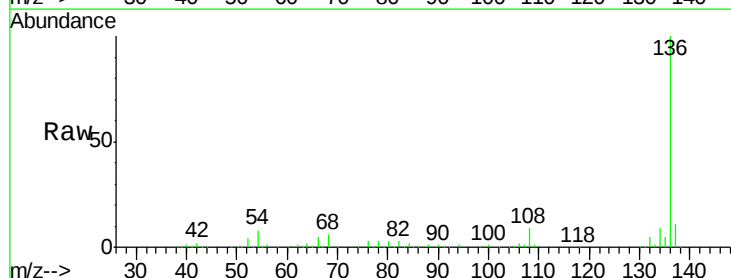
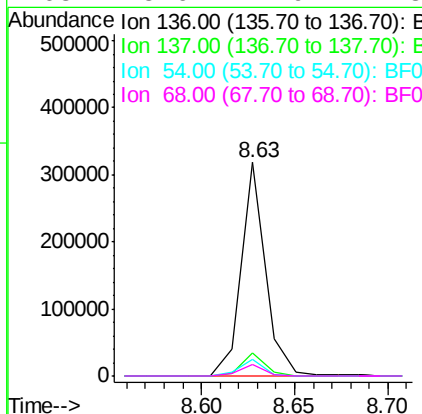
RT: 8.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF079437.D

Acq: 22 May 2015 17:08

Tgt Ion:	136	Resp:	290259
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	7.6	6.9	10.3
68	5.6	4.9	7.3





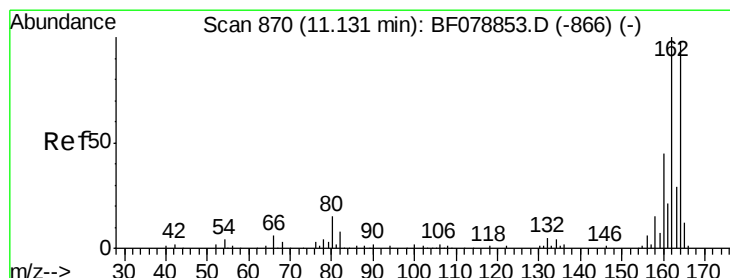
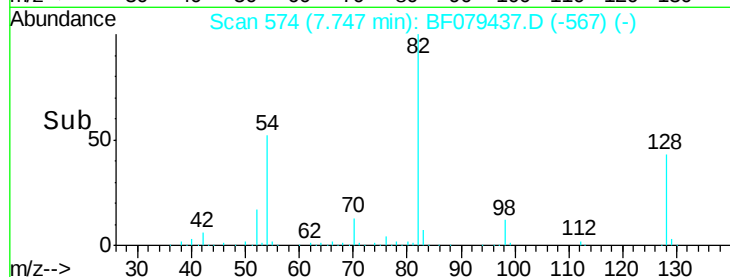
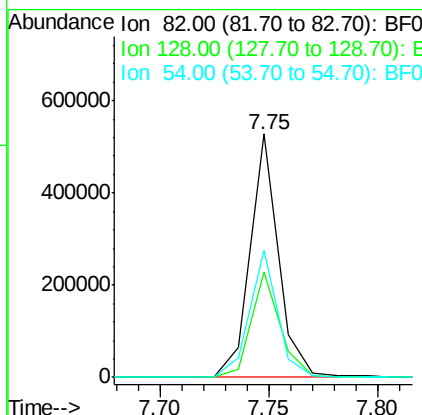
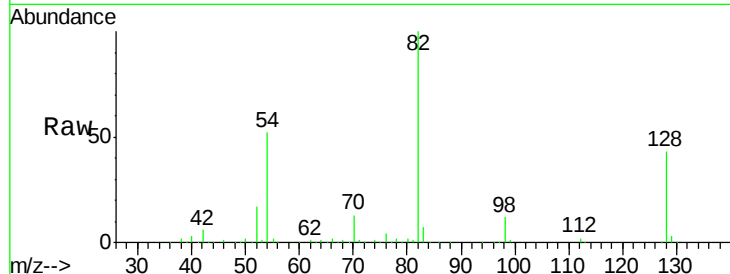
#23
 Nitrobenzene-d5
 Concen: 94.83 ng
 RT: 7.75 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF079437.D
 Acq: 22 May 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BL

Tot Ion	82	Resp	478930
Ion Ratio	100	Lower	Upper
82	100		
128	43.1	29.7	44.5
54	52.0	46.2	69.4

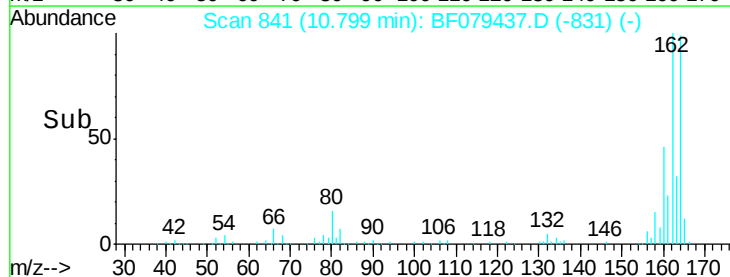
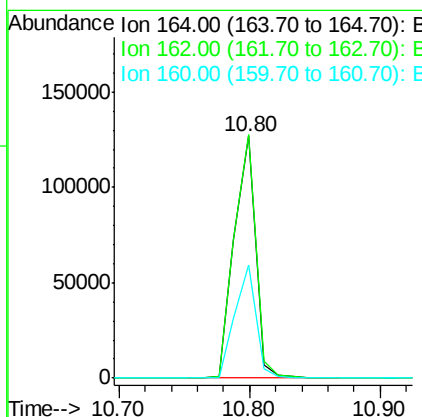
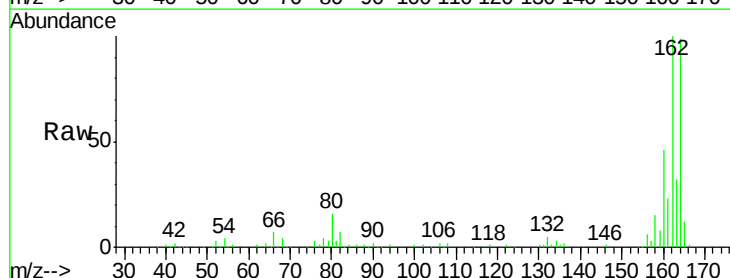
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.80 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF079437.D
 Acq: 22 May 2015 17:08

Tgt Ion	164	Resp	144043
Ion Ratio	100	Lower	Upper
164	100		
162	100.7	81.4	122.0
160	46.8	36.6	54.8





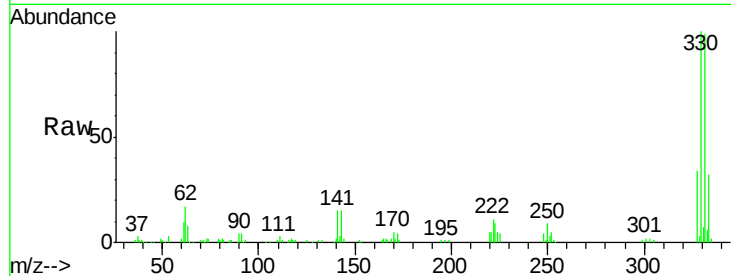
#41
 2,4,6-Tribromophenol
 Concen: 89.43 ng
 RT: 11.78 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF079437.D
 Acq: 22 May 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	139356		
332	96.2	76.9	115.3	
141	33.4	27.8	41.8	

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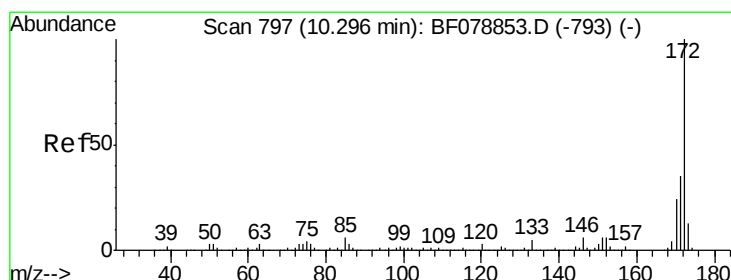
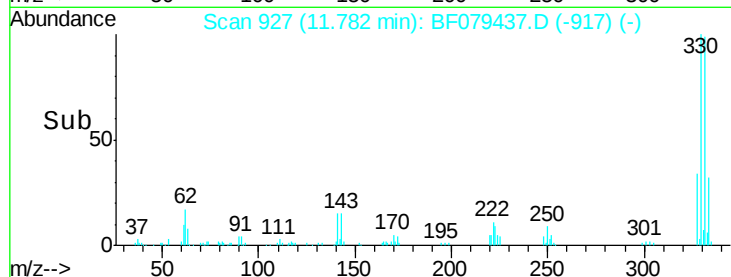
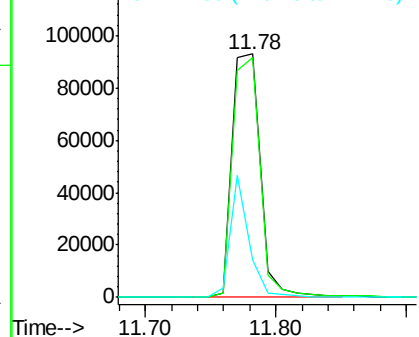


Abundance

Ion 329.80 (329.50 to 330.50): E

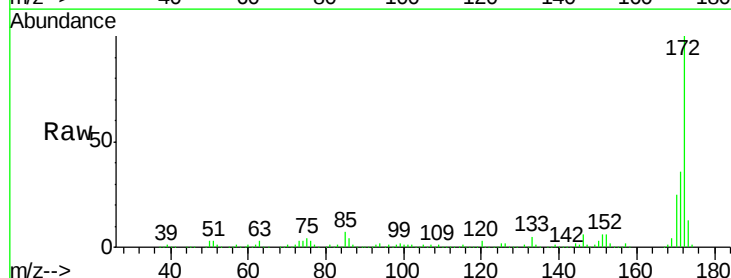
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.83 ng
 RT: 9.98 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF079437.D
 Acq: 22 May 2015 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	959774		
171	35.6	28.3	42.5	
170	24.6	19.4	29.2	

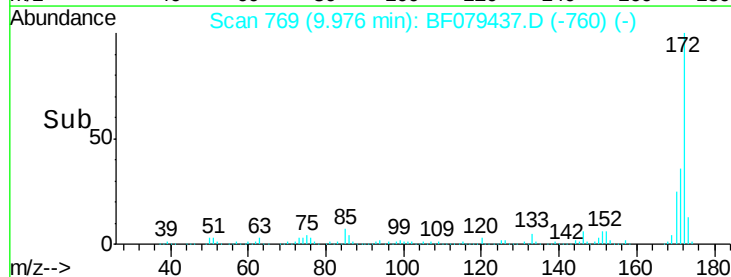
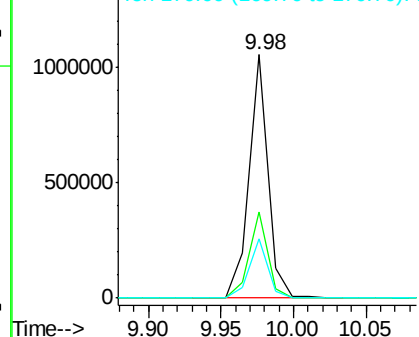


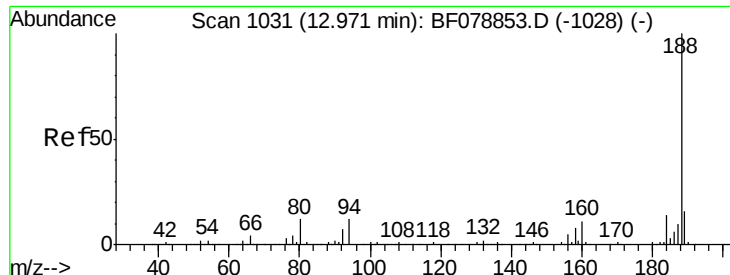
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





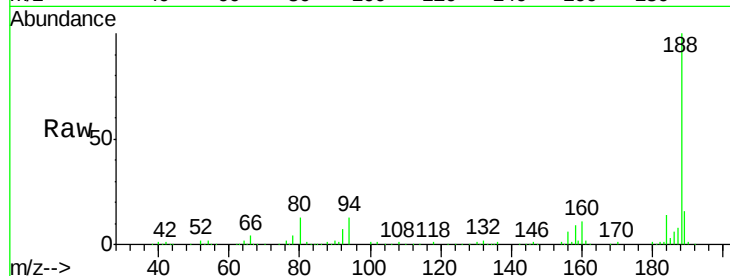
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF079437.D
Acq: 22 May 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB83558BL

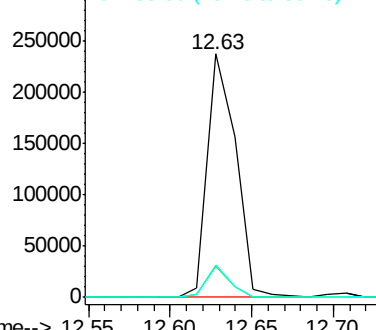
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.7	9.4	14.0
80	13.4	9.8	14.6

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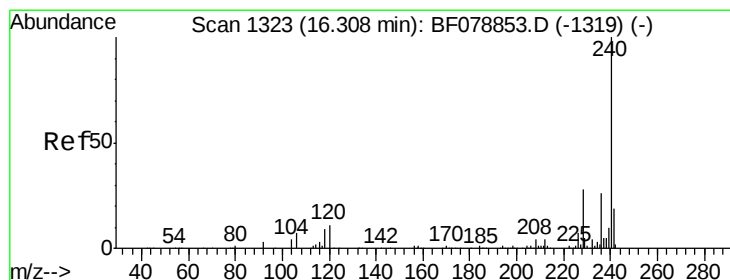
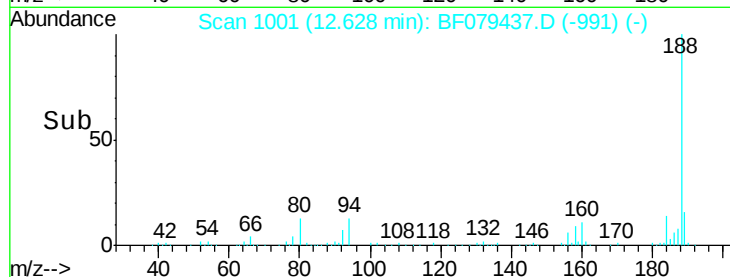
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

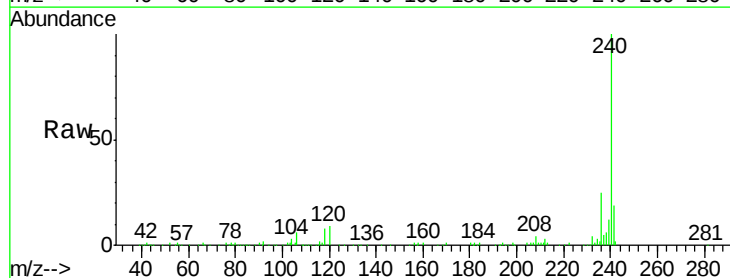


Time--> 12.55 12.60 12.65 12.70

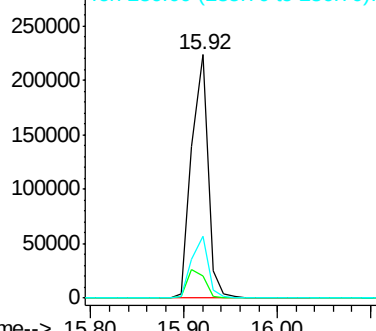


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1289
Delta R.T. -0.05 min
Lab File: BF079437.D
Acq: 22 May 2015 17:08

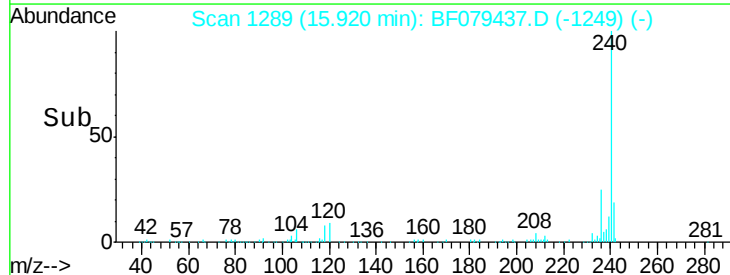
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.4	8.6	12.8
236	25.2	21.0	31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 15.80 15.90 16.00





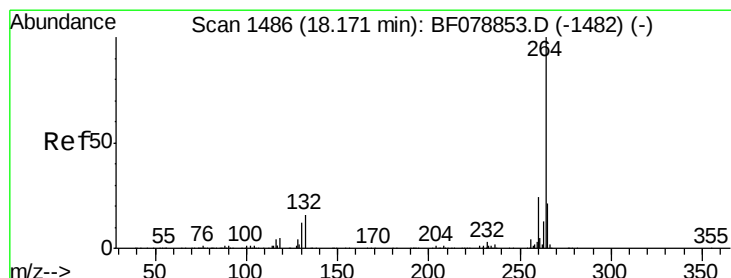
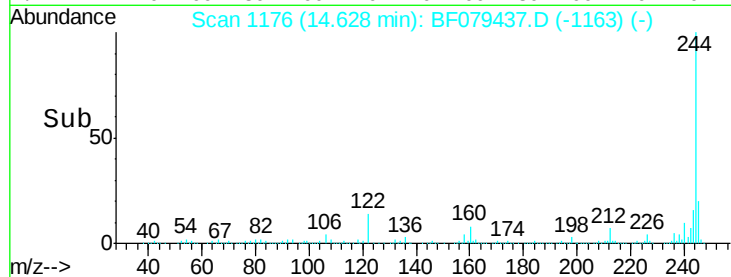
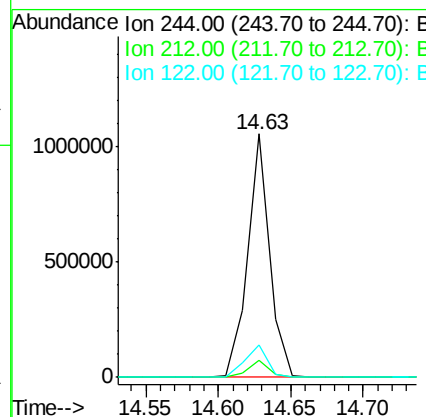
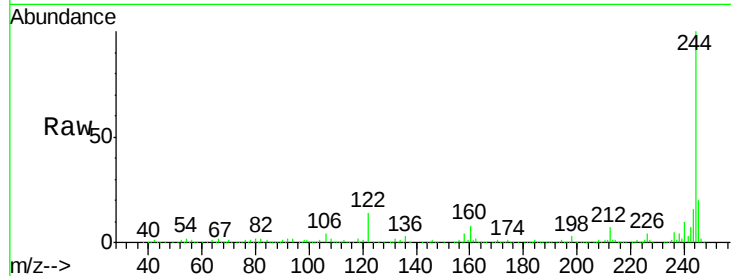
#78
 Terphenyl-d14
 Concen: 96.79 ng
 RT: 14.63 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF079437.D
 Acq: 22 May 2015 17:08

Instrument :
 BNA_F
 ClientSampled :
 PB83558BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	13.5	10.5	15.7

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.67 min Scan# 1442
 Delta R.T. -0.18 min
 Lab File: BF079437.D
 Acq: 22 May 2015 17:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.5	17.2	25.8

